

INTERNATIONAL SEARCH REPORT

International application No.

CA 04/1971

A. CLASSIFICATION OF SUBJECT MATTER

According to International Patent Classification (IPC) or to both national classification and IPC 7 : G01P5/22

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7: G01P-5/22, G01F-1/712, G06F-17/15

Documentation searched other than minimum documentation to the extent that such documents are included in the fields

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms

USPTO WEST, Questel QPAT. velocimetry, anemometer, fluid flow, fluid velocity, steam, multi phase fluid, optical,

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant	Relevant to claim No(s).
Y	US4402230 - Raptis (US Dept. of Energy), 6 Sept., 1983 (1983/09/06) Abstract col. 1, lines 38 - 52 col. 2, lines 11 - 60. col. 3, lines 17 - 55 col. 6, lines 1 - 28	1, 2, 3, 9, 10, 13, 14, 15
Y	US4201467 - Hartmann et al (Erwin Sick Gesellschaft) 6 May, 1980 (1980/05/06) Abstract col. 2, line 65 - col. 4, line 53. continued in box C	1, 9, 13, 14, 15

☒ Further documents are listed in the continuation of Box ☒ See patent family annex.

<p>* Special categories of cited documents :</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
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<p>Date of the actual completion of the international search</p> <p>15 February 2005 (15-02-2005)</p>	<p>Date of mailing of the international search report</p> <p>16 March 2005 (16-03-2005)</p>
<p>Name and mailing address of the ISA/CA</p> <p>Canadian Intellectual Property Office</p> <p>Place du Portage I, C114 - 1st Floor, Box PCT</p> <p>50 Victoria Street</p> <p>Gatineau, Quebec K1A 0C9</p> <p>Facsimile No: 001(819)953-2476</p>	<p>Authorized officer</p> <p>Patrick Norman (819) 997-2156</p>

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CA 04/1971

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant	Relevant to claim No(s).
Y	<p>US6570647 - Meili - 27 May, 2003 (2003/05/27)</p> <p>Abstract</p> <p>col. 1, lines 15 - 16</p> <p>col. 1, line 45 - col. 2, line 24</p> <p>col. 3, line 15 - col. 5, line 67</p> <p>col. 6, lines 29 - 32</p>	1, 2, 3, 9, 10, 13, 14, 15
Y	<p>US4251733 - Hirleman Jr. 17 Feb., 1981 (1981/02/17)</p> <p>Abstract</p> <p>col. 3, line 30 - col. 4, line 32</p> <p>col. 6, line 66 - col. 7, line 8.</p>	1, 2, 3, 9, 10, 13, 14, 15

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Information on patent family members

Patent Document Cited In Search Report	Publication Date	Patent Family Member(s)	Publication Date
US6570847	27-05-2003	EP1102041 A1 US6570847 B1	23-05-2001 27-05-2003
US4402230	08-09-1983	US4402230 A	08-09-1983
US4201487	06-05-1980	DE2643816 A1 FR2365802 A1 GB1572068 A JP53042872 A US4201487 A	30-03-1978 21-04-1978 23-07-1980 18-04-1978 06-05-1980
US4251733	17-02-1981	US4251733 A	17-02-1981